

## 4415 (C15 acetogenin)

Name: 10-Acetoxy-9-bromo-6-chlorolauthisa-3,11-dien-1-yne

{Acetic acid 4-bromo-2-(1-chloro-hex-3-en-5-ynyl)-8-ethyl-3,4,5,8-tetrahydro-2*H*-oxocin-5-yl ester}

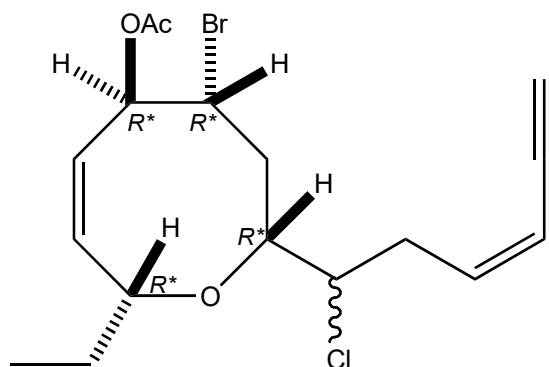
Origin: *Laurencia glandulifera* (Loutraki Bay, Crete Island, Greece)<sup>(1)</sup>;

Formula: C<sub>17</sub>H<sub>22</sub>BrClO<sub>4</sub>

Mol. Wt.: 389.71

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> +25.7 (CHCl<sub>3</sub>)

Mp.: Oil



### References and Notes

(1) Kladi, M., Vagias, C., Stavri, M., Rahman, M. M., Gibbons, S., and Roussis, V. 2008. *Phytochem. Lett.*, **1**, 31-36. C<sub>15</sub> acetogenins with antistaphylococcal activity from the red alga *Laurencia glandulifera*. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS)